

**Table 317. Energy Consumption Estimates by Source, Selected Years 1960-1997, Wyoming**

| Year                | Coal <sup>a</sup>   | Natural Gas <sup>b</sup> | Petroleum                       |                                |                              |                       |                       |                  |                         |                |                            |                      |        | Nuclear Electric Power | Hydro-electric Power <sup>d</sup> |                      | Net Interstate Flow of Electricity/Losses <sup>g</sup> | Total <sup>h</sup> |           |
|---------------------|---------------------|--------------------------|---------------------------------|--------------------------------|------------------------------|-----------------------|-----------------------|------------------|-------------------------|----------------|----------------------------|----------------------|--------|------------------------|-----------------------------------|----------------------|--|--------------------|-----------|
|                     |                     |                          | Asphalt & Road Oil <sup>a</sup> | Aviation Gasoline <sup>a</sup> | Distillate Fuel <sup>a</sup> | Jet Fuel <sup>a</sup> | Kerosene <sup>a</sup> | LPG <sup>a</sup> | Lubricants <sup>a</sup> | Motor Gasoline | Residual Fuel <sup>a</sup> | Other <sup>a,c</sup> | Total  |                        |                                   |                      |  |                    |           |
|                     | Thousand Short Tons | Billion Cubic Feet       | Thousand Barrels                |                                |                              |                       |                       |                  |                         |                |                            |                      |        | Million kWh            | Biomass <sup>e</sup>              | Other <sup>a,f</sup> | Million kWh  |                    |           |
| 1960                | 993                 | 51                       | 734                             | 132                            | 3,278                        | 56                    | 91                    | 1,114            | 93                      | 4,431          | 1,749                      | 1,943                | 13,622 | 0                      | 609                               | -                    | -3,186   | -                  |           |
| 1965                | 2,109               | 59                       | 743                             | 217                            | 3,696                        | 74                    | 206                   | 1,171            | 84                      | 4,739          | 2,171                      | 2,416                | 15,516 | 0                      | 884                               | -                    | -4,049   | -                  |           |
| 1970                | 3,802               | 110                      | 1,099                           | 256                            | 5,059                        | 128                   | 341                   | 1,848            | 114                     | 5,900          | 1,487                      | 2,554                | 18,786 | 0                      | 1,006                             | -                    | -10,347  | -                  |           |
| 1975                | 7,628               | 87                       | 606                             | 218                            | 7,656                        | 124                   | 172                   | 1,815            | 154                     | 7,354          | 2,076                      | 3,157                | 23,332 | 0                      | 1,120                             | -                    | -21,926  | -                  |           |
| 1980                | 15,208              | 69                       | 1,160                           | 108                            | 13,247                       | 162                   | 62                    | 2,030            | 208                     | 8,501          | 2,171                      | 3,724                | 31,374 | 0                      | 1,108                             | -                    | -48,625  | -                  |           |
| 1985                | 23,155              | 82                       | 1,676                           | 51                             | 7,669                        | 154                   | 21                    | 1,942            | 189                     | 7,671          | 211                        | 2,234                | 21,819 | 0                      | 1,068                             | -                    | -77,560  | -                  |           |
| 1986                | 19,338              | 75                       | 1,604                           | 50                             | 6,900                        | 144                   | 8                     | 2,169            | 185                     | 7,203          | 190                        | 2,278                | 20,732 | 0                      | 1,140                             | -                    | -59,893  | -                  |           |
| 1987                | 24,399              | 82                       | 1,469                           | 51                             | 8,772                        | 202                   | 11                    | 2,756            | 209                     | 7,277          | 119                        | 2,592                | 23,457 | 0                      | 768                               | -                    | -83,335  | -                  |           |
| 1988                | 25,424              | 82                       | 1,046                           | 53                             | 9,409                        | 193                   | 10                    | 2,083            | 202                     | 7,427          | 257                        | 3,150                | 23,829 | 0                      | 789                               | -                    | -87,829  | -                  |           |
| 1989                | 23,952              | 82                       | 924                             | 39                             | 9,782                        | 160                   | 6                     | 2,462            | 207                     | 7,561          | 31                         | 3,195                | 24,365 | 0                      | i NA                              | -                    | R -78,692  | -                  |           |
| 1990                | 25,514              | 92                       | 955                             | 35                             | 9,603                        | 143                   | 4                     | 1,263            | 213                     | 7,105          | 40                         | 3,203                | 22,563 | 0                      | NA                                | -                    | R -86,145  | -                  |           |
| 1991                | 25,150              | 97                       | 1,016                           | 28                             | 8,813                        | 119                   | 9                     | 1,228            | 191                     | 7,212          | 40                         | 2,142                | 20,799 | 0                      | NA                                | -                    | R -83,767  | -                  |           |
| 1992                | 27,339              | 124                      | 772                             | 25                             | 9,286                        | 153                   | 7                     | 1,184            | 194                     | 7,429          | 10                         | 2,586                | 21,647 | 0                      | NA                                | -                    | R -95,565  | -                  |           |
| 1993                | 26,171              | 105                      | 756                             | 20                             | 10,072                       | 140                   | 21                    | 1,752            | 198                     | 7,572          | 72                         | 2,420                | 23,022 | 0                      | NA                                | -                    | -89,656  | -                  |           |
| 1994                | 27,459              | 106                      | 902                             | 33                             | 10,007                       | 152                   | 23                    | 1,580            | 207                     | 7,683          | 41                         | 2,464                | 23,090 | 0                      | NA                                | -                    | -97,050  | -                  |           |
| 1995                | 25,933              | 98                       | 665                             | 179                            | 11,312                       | 160                   | 24                    | 1,979            | 203                     | 7,936          | 21                         | 2,375                | 24,853 | 0                      | NA                                | -                    | R -90,297  | -                  |           |
| 1996                | 26,647              | 101                      | 835                             | 213                            | 12,467                       | 151                   | 27                    | 1,694            | 197                     | 7,905          | 6                          | 2,730                | 26,226 | 0                      | NA                                | -                    | -93,410  | -                  |           |
| 1997                | 26,096              | 101                      | 972                             | 151                            | 13,252                       | 121                   | 25                    | 1,711            | 208                     | 7,603          | 4                          | 2,713                | 26,761 | 0                      | NA                                | -                    | -91,711  | -                  |           |
| <b>Trillion Btu</b> |                     |                          |                                 |                                |                              |                       |                       |                  |                         |                |                            |                      |        |                        |                                   |                      |  |                    |           |
| 1960                | 15.8                | 52.8                     | 4.9                             | 0.7                            | 19.1                         | 0.3                   | 0.5                   | 4.5              | 0.6                     | 23.3           | 11.0                       | 11.7                 | 76.4   | 0.0                    | 6.6                               | R 1.6                | 0.0  | -10.9              | R 142.3   |
| 1965                | 34.5                | 54.8                     | 4.9                             | 1.1                            | 21.5                         | 0.4                   | 1.2                   | 4.7              | 0.5                     | 24.9           | 13.6                       | 14.5                 | 87.4   | 0.0                    | 9.2                               | R 1.6                | 0.0  | -13.8              | R 173.6   |
| 1970                | 63.5                | 112.5                    | 7.3                             | 1.3                            | 29.5                         | 0.7                   | 1.9                   | 7.0              | 0.7                     | 31.0           | 9.3                        | 15.3                 | 104.1  | 0.0                    | 10.6                              | R 1.6                | 0.0  | -35.3              | R 256.9   |
| 1975                | 128.0               | 81.4                     | 4.0                             | 1.1                            | 44.6                         | 0.7                   | 1.0                   | 6.7              | 0.9                     | 38.6           | 13.1                       | 19.0                 | 129.7  | 0.0                    | 11.7                              | R 1.6                | 0.0  | -74.8              | R 277.6   |
| 1980                | 268.1               | 73.1                     | 7.7                             | 0.5                            | 77.2                         | 0.9                   | 0.4                   | 7.5              | 1.3                     | 44.7           | 13.6                       | 22.4                 | 176.1  | 0.0                    | 11.5                              | R 2.7                | 0.0  | -165.9             | R 365.6   |
| 1985                | 405.5               | 86.4                     | 11.1                            | 0.3                            | 44.7                         | 0.9                   | 0.1                   | 7.0              | 1.1                     | 40.3           | 1.3                        | 13.8                 | 120.6  | 0.0                    | 11.2                              | R 3.5                | (s)  | -264.6             | R 362.6   |
| 1986                | 336.6               | 78.8                     | 10.6                            | 0.3                            | 40.2                         | 0.8                   | (s)                   | 7.9              | 1.1                     | 37.8           | 1.2                        | 14.2                 | 114.2  | 0.0                    | 11.9                              | R 4.3                | (s)  | -204.4             | R 341.5   |
| 1987                | 428.1               | 86.4                     | 9.7                             | 0.3                            | 51.1                         | 1.1                   | 0.1                   | 10.1             | 1.3                     | 38.2           | 0.7                        | 15.9                 | 128.5  | 0.0                    | 8.0                               | R 3.3                | (s)  | -284.3             | R 369.9   |
| 1988                | 445.7               | 86.7                     | 6.9                             | 0.3                            | 54.8                         | 1.1                   | 0.1                   | 7.6              | 1.2                     | 39.0           | 1.6                        | 19.1                 | 131.7  | 0.0                    | 8.1                               | R 3.4                | (s)  | -299.7             | R 376.1   |
| 1989                | 421.3               | 86.9                     | 6.1                             | 0.2                            | 57.0                         | 0.9                   | (s)                   | 9.1              | 1.3                     | 39.7           | 0.2                        | 19.2                 | 133.7  | 0.0                    | i 7.1                             | R 1.40               | R i 0.6  | -268.5             | R i 384.8 |
| 1990                | 458.3               | 101.3                    | 6.3                             | 0.2                            | 55.9                         | 0.8                   | (s)                   | 4.6              | 1.3                     | 37.3           | 0.3                        | 19.3                 | 126.0  | 0.0                    | 6.7                               | 3.3                  | R 0.7  | -293.9             | R 401.9   |
| 1991                | 449.8               | 103.1                    | 6.7                             | 0.1                            | 51.3                         | 0.7                   | 0.1                   | 4.4              | 1.2                     | 37.9           | 0.3                        | 13.0                 | 115.7  | 0.0                    | 7.7                               | R 3.3                | R 0.7  | -285.8             | R 394.1   |
| 1992                | 490.8               | 130.7                    | 5.1                             | 0.1                            | 54.1                         | 0.9                   | (s)                   | 4.3              | 1.2                     | 39.0           | 0.1                        | 15.5                 | 120.3  | 0.0                    | 6.6                               | R 3.0                | R 0.7  | -326.1             | R 425.5   |
| 1993                | 466.7               | 110.5                    | 5.0                             | 0.1                            | 58.7                         | 0.8                   | 0.1                   | 6.3              | 1.2                     | 39.8           | 0.5                        | 14.6                 | 127.1  | 0.0                    | 8.1                               | R 3.0                | R 0.7  | -305.9             | R 409.6   |
| 1994                | 489.5               | 112.3                    | 6.0                             | 0.2                            | 58.3                         | 0.8                   | 0.1                   | 5.7              | 1.3                     | 40.4           | 0.3                        | 14.9                 | 127.9  | 0.0                    | R 9.3                             | R 3.7                | R 0.7  | -331.1             | R 411.6   |
| 1995                | 461.9               | 103.9                    | 4.4                             | 0.9                            | 65.9                         | 0.9                   | 0.1                   | 7.2              | 1.2                     | 41.7           | 0.1                        | 14.3                 | 136.8  | 0.0                    | 8.2                               | R 3.6                | R 0.7  | -308.1             | R 406.6   |
| 1996                | 473.0               | 107.6                    | 5.5                             | 1.1                            | 72.6                         | 0.9                   | 0.2                   | 6.1              | 1.2                     | 41.5           | (s)                        | 16.4                 | 145.5  | 0.0                    | 12.7                              | R 3.4                | R 0.7  | -318.7             | R 424.1   |
| 1997                | 466.5               | 107.9                    | 6.4                             | 0.8                            | 77.2                         | 0.7                   | 0.1                   | 6.2              | 1.3                     | 39.9           | (s)                        | 16.3                 | 149.0  | 0.0                    | 14.2                              | 3.0                  | 0.7  | -312.9             | 428.3     |

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in Appendix A, Section 4, "Other Petroleum Products."

<sup>d</sup> If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

<sup>e</sup> "Biomass" is wood, waste, and ethanol. Ethanol blended into motor gasoline is included in motor gasoline and total petroleum. It is also included in the biomass series to give complete biomass data, but it is counted only once in the energy total.

<sup>f</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

<sup>g</sup> Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number

indicates that more electricity (including associated losses) came into the State than went out of the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

<sup>h</sup> From 1989, "Total" does not equal the sum of the columns. Ethanol (which is shown in the transportation sector table) is included in both motor gasoline and biomass data in this table but only once in the total. Net imports of electricity generated from nonrenewable energy sources (shown in appendix Table A8) is included in the total in this table but not in any other columns.

<sup>i</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

kWh=kilowatthours. R=Revised data. -=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 318. Residential Energy Consumption Estimates, Selected Years 1960-1997, Wyoming**

| Year                | Coal                                     |                         |       | Natural Gas <sup>b</sup> | Petroleum                    |                       |                  |       | Wood  | Geothermal | Solar <sup>c</sup> | Electricity <sup>a</sup> | Million Kilowatthours | Net Energy | Electrical System Energy Losses <sup>d</sup> |  |  |  |  |  |  |  |  |  |
|---------------------|--|-------------------------|-------|--------------------------|------------------------------|-----------------------|------------------|-------|-------|------------|--------------------|--------------------------|-----------------------|------------|--|--|--|--|--|--|--|--|--|--|
|                     | Bituminous Coal and Lignite <sup>a</sup> | Anthracite <sup>a</sup> | Total |                          | Distillate Fuel <sup>a</sup> | Kerosene <sup>a</sup> | LPG <sup>a</sup> | Total |       |            |                    |                          |                       |            |  |  |  |  |  |  |  |  |  |  |
|                     | Billion Cubic Feet                       |                         |       |                          | Thousand Barrels             |                       |                  |       |       |            |                    |                          |                       |            |  |  |  |  |  |  |  |  |  |  |
| Year                | Thousand Short Tons                      |                         |       |                          |                              |                       |                  |       |       |            |                    |                          |                       |            |  |  |  |  |  |  |  |  |  |  |
| 1960                | 20                                       | 0                       | 20    | 9                        | 4                            | 8                     | 561              | 573   | R 61  | —          | —                  | 275                      | —                     | 684        | —  |  |  |  |  |  |  |  |  |  |
| 1965                | 15                                       | 0                       | 15    | 11                       | 7                            | 32                    | 532              | 570   | R 51  | —          | —                  | 442                      | —                     | 1,055      | —  |  |  |  |  |  |  |  |  |  |
| 1970                | 7  | 0                       | 7     | 18                       | 12                           | 39                    | 1,001            | 1,053 | R 49  | —          | —                  | 604                      | —                     | 1,463      | —  |  |  |  |  |  |  |  |  |  |
| 1975                | 17                                       | 0                       | 17    | 12                       | 26                           | 11                    | 960              | 997   | R 55  | —          | —                  | 891                      | —                     | 2,149      | —  |  |  |  |  |  |  |  |  |  |
| 1980                | 37                                       | 0                       | 37    | 10                       | 23                           | 0                     | 644              | 667   | R 73  | —          | —                  | 1,410                    | —                     | 3,429      | —  |  |  |  |  |  |  |  |  |  |
| 1985                | 37                                       | 0                       | 37    | 14                       | 50                           | 8                     | 496              | 555   | R 103 | —          | —                  | 1,815                    | —                     | 4,263      | —  |  |  |  |  |  |  |  |  |  |
| 1986                | 35                                       | 0                       | 35    | 13                       | 27                           | 1                     | 780              | 808   | R 100 | —          | —                  | 1,678                    | —                     | 3,859      | —  |  |  |  |  |  |  |  |  |  |
| 1987                | 36                                       | 0                       | 36    | 11                       | 33                           | 2                     | 1,324            | 1,359 | R 48  | —          | —                  | 1,635                    | —                     | 3,735      | —  |  |  |  |  |  |  |  |  |  |
| 1988                | 49                                       | 0                       | 49    | 12                       | 31                           | 2                     | 883              | 915   | R 50  | —          | —                  | 1,764                    | —                     | 3,988      | —  |  |  |  |  |  |  |  |  |  |
| 1989                | 48                                       | 0                       | 48    | 12                       | 33                           | 1                     | 591              | 625   | R 51  | —          | —                  | 1,721                    | —                     | R 3,867    | —  |  |  |  |  |  |  |  |  |  |
| 1990                | 46                                       | 0                       | 46    | 11                       | 24                           | 1                     | 487              | 512   | 50    | —          | —                  | 1,720                    | —                     | 3,762      | —  |  |  |  |  |  |  |  |  |  |
| 1991                | 48                                       | (s)                     | 48    | 12                       | 87                           | 3                     | 595              | 685   | 53    | —          | —                  | 1,819                    | —                     | R 3,961    | —  |  |  |  |  |  |  |  |  |  |
| 1992                | 35                                       | 0                       | 35    | 11                       | 58                           | 1                     | 506              | 566   | 56    | —          | —                  | 1,763                    | —                     | 3,765      | —  |  |  |  |  |  |  |  |  |  |
| 1993                | 65                                       | 0                       | 65    | 13                       | 51                           | 2                     | 452              | 505   | 51    | —          | —                  | 1,906                    | —                     | 4,027      | —  |  |  |  |  |  |  |  |  |  |
| 1994                | 85                                       | 0                       | 85    | 12                       | 68                           | 1                     | 420              | 489   | 50    | —          | —                  | 1,865                    | —                     | R 3,892    | —  |  |  |  |  |  |  |  |  |  |
| 1995                | 51                                       | 0                       | 51    | 12                       | 55                           | 1                     | 592              | 648   | R 55  | —          | —                  | 1,939                    | —                     | 4,040      | —  |  |  |  |  |  |  |  |  |  |
| 1996                | 134                                      | 0                       | 134   | 14                       | 37                           | 1                     | 458              | 496   | 55    | —          | —                  | 2,022                    | —                     | 4,208      | —  |  |  |  |  |  |  |  |  |  |
| 1997                | 49                                       | 0                       | 49    | 13                       | 60                           | 2                     | 458              | 519   | 40    | —          | —                  | 2,007                    | —                     | 4,169      | —  |  |  |  |  |  |  |  |  |  |
| <b>Trillion Btu</b> |  |                         |       |                          |                              |                       |                  |       |       |            |                    |                          |                       |            |  |  |  |  |  |  |  |  |  |  |
| 1960                | 0.4                                      | 0.0                     | 0.4   | 9.1                      | (s)                          | (s)                   | 2.3              | 2.3   | R 1.2 | 0.0        | 0.0                | 0.9                      | R 14.0                | 2.3        | R 16.3                                       |  |  |  |  |  |  |  |  |  |
| 1965                | 0.3                                      | 0.0                     | 0.3   | 9.9                      | (s)                          | 0.2                   | 2.1              | 2.4   | R 1.0 | 0.0        | 0.0                | 1.5                      | R 15.1                | 3.6        | R 18.7                                       |  |  |  |  |  |  |  |  |  |
| 1970                | 0.1                                      | 0.0                     | 0.1   | 18.4                     | 0.1                          | 0.2                   | 3.8              | 4.1   | R 1.0 | 0.0        | 0.0                | 2.1                      | R 25.7                | 5.0        | R 30.7                                       |  |  |  |  |  |  |  |  |  |
| 1975                | 0.3                                      | 0.0                     | 0.3   | 11.3                     | 0.2                          | 0.1                   | 3.6              | 3.8   | R 1.1 | 0.0        | 0.0                | 3.0                      | R 19.6                | 7.3        | R 26.9                                       |  |  |  |  |  |  |  |  |  |
| 1980                | 0.7                                      | 0.0                     | 0.7   | 10.3                     | 0.1                          | 0.0                   | 2.4              | 2.5   | R 1.5 | 0.0        | 0.0                | 4.8                      | R 19.8                | 11.7       | R 31.5                                       |  |  |  |  |  |  |  |  |  |
| 1985                | 0.6                                      | 0.0                     | 0.6   | 15.1                     | 0.3                          | (s)                   | 1.8              | 2.1   | R 2.1 | 0.0        | 0.0                | 6.2                      | R 26.1                | 14.5       | R 40.7                                       |  |  |  |  |  |  |  |  |  |
| 1986                | 0.6                                      | 0.0                     | 0.6   | 13.4                     | 0.2                          | (s)                   | 2.8              | 3.0   | R 2.0 | 0.0        | 0.0                | 5.7                      | R 24.7                | 13.2       | R 37.9                                       |  |  |  |  |  |  |  |  |  |
| 1987                | 0.6                                      | 0.0                     | 0.6   | 11.2                     | 0.2                          | (s)                   | 4.8              | 5.1   | R 1.0 | 0.0        | 0.0                | 5.6                      | R 23.4                | 12.7       | R 36.2                                       |  |  |  |  |  |  |  |  |  |
| 1988                | 0.9                                      | 0.0                     | 0.9   | 12.3                     | 0.2                          | (s)                   | 3.2              | 3.4   | R 1.0 | 0.0        | 0.0                | 6.0                      | R 23.6                | 13.6       | R 37.2                                       |  |  |  |  |  |  |  |  |  |
| 1989                | 0.8                                      | 0.0                     | 0.8   | 12.4                     | 0.2                          | (s)                   | 2.2              | 2.4   | R 1.0 | R e (s)    | 5.9                | R e 22.5                 | 13.2                  | R e 35.7   |  |  |  |  |  |  |  |  |  |  |
| 1990                | 0.9                                      | 0.0                     | 0.9   | 12.6                     | 0.1                          | (s)                   | 1.8              | 1.9   | 1.0   | 0.0        | (s)                | 5.9                      | 22.3                  | 12.8       | 35.2   |  |  |  |  |  |  |  |  |  |
| 1991                | 1.1                                      | (s)                     | 1.1   | 12.7                     | 0.5                          | (s)                   | 2.2              | 2.7   | 1.1   | 0.0        | (s)                | 6.2                      | 23.8                  | 13.5       | 37.3   |  |  |  |  |  |  |  |  |  |
| 1992                | 0.7                                      | 0.0                     | 0.7   | 11.5                     | 0.3                          | (s)                   | 1.8              | 2.2   | 1.1   | 0.0        | (s)                | 6.0                      | 21.5                  | 12.8       | 34.3   |  |  |  |  |  |  |  |  |  |
| 1993                | 1.2                                      | 0.0                     | 1.2   | 13.4                     | 0.3                          | (s)                   | 1.6              | 1.9   | 1.0   | 0.0        | (s)                | 6.5                      | 24.0                  | 13.7       | 37.8   |  |  |  |  |  |  |  |  |  |
| 1994                | 1.6                                      | 0.0                     | 1.6   | 12.2                     | 0.4                          | (s)                   | 1.5              | 1.9   | 1.0   | 0.0        | (s)                | 6.4                      | 23.1                  | 13.3       | 36.3   |  |  |  |  |  |  |  |  |  |
| 1995                | 0.9                                      | 0.0                     | 0.9   | 12.9                     | 0.3                          | (s)                   | 2.1              | 2.5   | 1.1   | 0.0        | (s)                | 6.6                      | 24.0                  | 13.8       | 37.8   |  |  |  |  |  |  |  |  |  |
| 1996                | 2.4                                      | 0.0                     | 2.4   | 14.4                     | 0.2                          | (s)                   | 1.7              | 1.9   | 1.1   | 0.0        | (s)                | 6.9                      | 26.7                  | 14.4       | 41.0   |  |  |  |  |  |  |  |  |  |
| 1997                | 0.9                                      | 0.0                     | 0.9   | 13.9                     | 0.3                          | (s)                   | 1.7              | 2.0   | 0.8   | 0.0        | (s)                | 6.8                      | 24.5                  | 14.2       | 38.7   |  |  |  |  |  |  |  |  |  |

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Includes small amounts of solar energy consumed by the commercial sector that cannot be separately identified. See Appendix A, Section 5, for explanation of estimation methodology.

<sup>d</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 319. Commercial Energy Consumption Estimates, Selected Years 1960-1997, Wyoming**

| Year                | Coal                                     |                         |       | Natural Gas <sup>b</sup> | Petroleum                    |                       |                  |                |                            |       | Wood           | Electricity <sup>a</sup> | Electrical System Energy Losses <sup>c</sup> | Total <sup>d</sup> |                       |        |
|---------------------|--|-------------------------|-------|--------------------------|------------------------------|-----------------------|------------------|----------------|----------------------------|-------|----------------|--------------------------|--|--------------------|-----------------------|--------|
|                     | Bituminous Coal and Lignite <sup>a</sup> | Anthracite <sup>a</sup> | Total |                          | Distillate Fuel <sup>a</sup> | Kerosene <sup>a</sup> | LPG <sup>a</sup> | Motor Gasoline | Residual Fuel <sup>a</sup> | Total |                |                          |  |                    |                       |        |
|                     | Thousand Short Tons                      |                         |       | Billion Cubic Feet       | Thousand Barrels             |                       |                  |                |                            |       | Thousand Cords | Geothermal               | Million Kilowatthours                        | Net Energy         | Million Kilowatthours |        |
| 1960                | 37                                       | 0                       | 37    | 5                        | 9                            | 29                    | 99               | 73             | 37                         | 246   | R 1            | —                        | 174  | —                  | 432                   | —      |
| 1965                | 28                                       | 0                       | 28    | 8                        | 16                           | 119                   | 94               | 73             | 40                         | 341   | R 1            | —                        | 594  | —                  | 1,419                 | —      |
| 1970                | 14                                       | 0                       | 14    | 14                       | 30                           | 147                   | 177              | 85             | 48                         | 487   | R 1            | —                        | 657  | —                  | 1,591                 | —      |
| 1975                | 32                                       | 0                       | 32    | 10                       | 63                           | 43                    | 169              | 72             | 83                         | 431   | R 1            | —                        | 775  | —                  | 1,870                 | —      |
| 1980                | 68                                       | 0                       | 68    | 5                        | 428                          | 23                    | 114              | 103            | 27                         | 694   | R 2            | —                        | 1,138  | —                  | 2,767                 | —      |
| 1985                | 70                                       | 0                       | 70    | 9                        | 440                          | 6                     | 88               | 67             | 69                         | 670   | NA             | —                        | 2,321  | —                  | 5,454                 | —      |
| 1986                | 64                                       | 0                       | 64    | 8                        | 391                          | 1                     | 138              | 121            | 109                        | 759   | NA             | —                        | 2,248  | —                  | 5,172                 | —      |
| 1987                | 67                                       | 0                       | 67    | 8                        | 273                          | 2                     | 234              | 73             | 30                         | 612   | NA             | —                        | 2,177  | —                  | 4,974                 | —      |
| 1988                | 90                                       | 0                       | 90    | 9                        | 269                          | 4                     | 156              | 68             | 119                        | 616   | NA             | —                        | 2,220  | —                  | 5,018                 | —      |
| 1989                | 88                                       | 0                       | 88    | 9                        | 250                          | 2                     | 104              | 64             | 1                          | 420   | NA             | —                        | 2,219  | —                  | R 4,987               | —      |
| 1990                | 85                                       | 0                       | 85    | 8                        | 216                          | 1                     | 86               | 74             | 1                          | 378   | NA             | —                        | 2,319  | —                  | 5,073                 | —      |
| 1991                | 90                                       | (s)                     | 90    | 9                        | 240                          | 3                     | 105              | 87             | 1                          | 436   | NA             | —                        | 2,439  | —                  | R 5,310               | —      |
| 1992                | 65                                       | 0                       | 65    | 8                        | 222                          | (s)                   | 89               | 78             | 0                          | 390   | NA             | —                        | 2,496  | —                  | 5,330                 | —      |
| 1993                | 122                                      | 0                       | 122   | 10                       | 214                          | (s)                   | 80               | 7              | 0                          | 301   | R 4            | —                        | 2,616  | —                  | 5,526                 | —      |
| 1994                | 157                                      | 0                       | 157   | 9                        | 233                          | (s)                   | 74               | 7              | 1                          | 315   | R 4            | —                        | 2,572  | —                  | R 5,367               | —      |
| 1995                | 95                                       | 0                       | 95    | 10                       | 307                          | 2                     | 104              | 8              | (s)                        | 421   | R 4            | —                        | 2,443  | —                  | R 5,089               | —      |
| 1996                | 248                                      | 0                       | 248   | 10                       | 356                          | 1                     | 81               | 36             | (s)                        | 474   | R 5            | —                        | 2,562  | —                  | 5,333                 | —      |
| 1997                | 91                                       | 0                       | 91    | 11                       | 292                          | 1                     | 81               | 8              | (s)                        | 382   | 4              | —                        | 2,568  | —                  | 5,333                 | —      |
| <b>Trillion Btu</b> |  |                         |       |                          |                              |                       |                  |                |                            |       |                |                          |  |                    |                       |        |
| 1960                | 0.8                                      | 0.0                     | 0.8   | 5.1                      | 0.1                          | 0.2                   | 0.4              | 0.4            | 0.2                        | 1.2   | (s)            | 0.0                      | 0.6  | 7.7                | 1.5                   | 9.2    |
| 1965                | 0.6                                      | 0.0                     | 0.6   | 7.4                      | 0.1                          | 0.7                   | 0.4              | 0.4            | 0.2                        | 1.8   | (s)            | 0.0                      | 2.0  | 11.8               | 4.8                   | 16.7   |
| 1970                | 0.3                                      | 0.0                     | 0.3   | 14.3                     | 0.2                          | 0.8                   | 0.7              | 0.4            | 0.3                        | 2.4   | (s)            | 0.0                      | 2.2  | 19.3               | 5.4                   | 24.7   |
| 1975                | 0.6                                      | 0.0                     | 0.6   | 9.6                      | 0.4                          | 0.2                   | 0.6              | 0.4            | 0.5                        | 2.1   | (s)            | 0.0                      | 2.6  | 15.0               | 6.4                   | R 21.4 |
| 1980                | 1.2                                      | 0.0                     | 1.2   | 5.3                      | 2.5                          | 0.1                   | 0.4              | 0.5            | 0.2                        | 3.7   | (s)            | 0.0                      | 3.9  | R 14.2             | 9.4                   | 23.6   |
| 1985                | 1.2                                      | 0.0                     | 1.2   | 9.6                      | 2.6                          | (s)                   | 0.3              | 0.4            | 0.4                        | 3.7   | NA             | 0.0                      | 7.9  | 22.4               | 18.6                  | 41.0   |
| 1986                | 1.1                                      | 0.0                     | 1.1   | 8.4                      | 2.3                          | (s)                   | 0.5              | 0.6            | 0.7                        | 4.1   | NA             | 0.0                      | 7.7  | 21.4               | 17.6                  | 39.0   |
| 1987                | 1.2                                      | 0.0                     | 1.2   | 8.9                      | 1.6                          | (s)                   | 0.9              | 0.4            | 0.2                        | 3.0   | NA             | 0.0                      | 7.4  | 20.5               | 17.0                  | 37.5   |
| 1988                | 1.6                                      | 0.0                     | 1.6   | 9.2                      | 1.6                          | (s)                   | 0.6              | 0.4            | 0.7                        | 3.3   | NA             | 0.0                      | 7.6  | 21.6               | 17.1                  | 38.7   |
| 1989                | 1.6                                      | 0.0                     | 1.6   | 9.0                      | 1.5                          | (s)                   | 0.4              | 0.3            | (s)                        | 2.2   | NA             | 0.6                      | 7.6  | R 21.0             | 17.0                  | R 38.0 |
| 1990                | 1.7                                      | 0.0                     | 1.7   | 9.3                      | 1.3                          | (s)                   | 0.3              | 0.4            | (s)                        | 2.0   | NA             | 0.6                      | 7.9  | R 21.5             | 17.3                  | R 38.8 |
| 1991                | 2.1                                      | (s)                     | 2.1   | 9.6                      | 1.4                          | (s)                   | 0.4              | 0.5            | (s)                        | 2.3   | NA             | 0.6                      | 8.3  | R 22.9             | 18.1                  | R 41.0 |
| 1992                | 1.2                                      | 0.0                     | 1.2   | 8.5                      | 1.3                          | (s)                   | 0.3              | 0.4            | 0.0                        | 2.0   | NA             | 0.6                      | 8.5  | R 20.9             | 18.2                  | R 39.0 |
| 1993                | 2.3                                      | 0.0                     | 2.3   | 10.8                     | 1.2                          | (s)                   | 0.3              | (s)            | 0.0                        | 1.6   | 0.1            | 0.6                      | 8.9  | R 24.3             | 18.9                  | R 43.2 |
| 1994                | 2.9                                      | 0.0                     | 2.9   | 9.7                      | 1.4                          | (s)                   | 0.3              | (s)            | (s)                        | 1.7   | 0.1            | 0.6                      | 8.8  | R 23.8             | 18.3                  | R 42.1 |
| 1995                | 1.7                                      | 0.0                     | 1.7   | 10.5                     | 1.8                          | (s)                   | 0.4              | (s)            | (s)                        | 2.2   | R 0.1          | 0.6                      | 8.3  | R 23.4             | 17.4                  | R 40.8 |
| 1996                | 4.5                                      | 0.0                     | 4.5   | 10.3                     | 2.1                          | (s)                   | 0.3              | 0.2            | (s)                        | 2.6   | R 0.1          | 0.6                      | 8.7  | R 26.8             | 18.2                  | R 45.0 |
| 1997                | 1.6                                      | 0.0                     | 1.6   | 11.5                     | 1.7                          | (s)                   | 0.3              | (s)            | (s)                        | 2.0   | 0.1            | 0.6                      | 8.8  | 24.6               | 18.2                  | 42.8   |

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels.

<sup>c</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>d</sup> Small amounts of solar energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

R=Revised data.

—=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 320. Industrial Energy Consumption Estimates, Selected Years 1960-1997, Wyoming

| Year         | Coal                | Natural Gas <sup>a</sup> | Petroleum                         |                              |                       |                  |                         |                |                            |                      |        |             | Hydro-electric Power <sup>b</sup> | Wood and Waste       | Other <sup>b,d</sup> | Electricity <sup>b</sup> | Electrical System Energy Losses <sup>e</sup> | Total     |
|--------------|---------------------|--------------------------|-----------------------------------|------------------------------|-----------------------|------------------|-------------------------|----------------|----------------------------|----------------------|--------|-------------|-----------------------------------|----------------------|----------------------|--------------------------|--|-----------|
|              |                     |                          | Asphalt and Road Oil <sup>b</sup> | Distillate Fuel <sup>b</sup> | Kerosene <sup>b</sup> | LPG <sup>b</sup> | Lubricants <sup>b</sup> | Motor Gasoline | Residual Fuel <sup>b</sup> | Other <sup>b,c</sup> | Total  | Million kWh | Million kWh                       | Net Energy           | Million kWh          | NA                       | NA   |           |
|              | Thousand Short Tons | Billion Cubic Feet       | Thousand Barrels                  |                              |                       |                  |                         |                |                            |                      |        |             | NA                                | Other <sup>b,d</sup> | NA                   | NA                       | NA   |           |
| 1960         | 119                 | 35                       | 734                               | 1,458                        | 55                    | 384              | 2                       | 320            | 756                        | 1,943                | 5,653  | 0           | -                                 | -                    | 270                  | -                        | 671  | -         |
| 1965         | 124                 | 38                       | 743                               | 1,790                        | 55                    | 496              | 3                       | 510            | 942                        | 2,416                | 6,956  | 0           | -                                 | -                    | 1,285                | -                        | 3,067  | -         |
| 1970         | 210                 | 70                       | 1,099                             | 1,931                        | 155                   | 578              | 30                      | 552            | 960                        | 2,554                | 7,858  | 0           | -                                 | -                    | 1,896                | -                        | 4,595  | -         |
| 1975         | 640                 | 59                       | 606                               | 3,596                        | 117                   | 569              | 45                      | 591            | 1,881                      | 3,157                | 10,562 | 0           | -                                 | -                    | 2,918                | -                        | 7,038  | -         |
| 1980         | 1,605               | 48                       | 1,160                             | 6,255                        | 39                    | 1,199            | 57                      | 365            | 2,144                      | 3,724                | 14,943 | 0           | -                                 | -                    | 4,621                | -                        | 11,237                                       | -         |
| 1985         | 1,875               | 54                       | 1,676                             | 2,750                        | 7                     | 1,312            | 52                      | 530            | 142                        | 2,234                | 8,703  | 0           | -                                 | -                    | 6,212                | -                        | 14,596                                       | -         |
| 1986         | 1,786               | 49                       | 1,604                             | 2,454                        | 6                     | 1,199            | 51                      | 503            | 81                         | 2,278                | 8,176  | 0           | -                                 | -                    | 6,047                | -                        | 13,911                                       | -         |
| 1987         | 1,887               | 57                       | 1,469                             | 2,653                        | 7                     | 1,148            | 58                      | 451            | 89                         | 2,592                | 8,465  | 0           | -                                 | -                    | 6,699                | -                        | 15,306                                       | -         |
| 1988         | 1,722               | 56                       | 1,046                             | 2,221                        | 5                     | 992              | 56                      | 461            | 138                        | 3,150                | 8,070  | 0           | -                                 | -                    | 6,980                | -                        | 15,781                                       | -         |
| 1989         | 1,908               | 57                       | 924                               | 2,293                        | 3                     | 1,731            | 57                      | 482            | 30                         | 3,195                | 8,714  | f NA        | -                                 | -                    | 7,293                | -                        | R 16,386                                     | -         |
| 1990         | 1,857               | 67                       | 955                               | 2,271                        | 2                     | 663              | 59                      | 417            | 39                         | 3,203                | 7,609  | NA          | -                                 | -                    | 7,729                | -                        | R 16,906                                     | -         |
| 1991         | 1,896               | 68                       | 1,016                             | 2,659                        | 4                     | 479              | 53                      | 502            | 39                         | 2,142                | 6,893  | NA          | -                                 | -                    | 7,498                | -                        | R 16,322                                     | -         |
| 1992         | 2,126               | 97                       | 772                               | 2,717                        | 6                     | 561              | 54                      | 490            | 10                         | 2,586                | 7,196  | NA          | -                                 | -                    | 7,442                | -                        | R 15,896                                     | -         |
| 1993         | 1,873               | 75                       | 756                               | 2,739                        | 19                    | 1,192            | 55                      | 387            | 72                         | 2,420                | 7,637  | NA          | -                                 | -                    | 7,363                | -                        | 15,557                                       | -         |
| 1994         | 1,867               | 79                       | 902                               | 2,764                        | 22                    | 1,047            | 57                      | 416            | 40                         | 2,464                | 7,712  | NA          | -                                 | -                    | 7,260                | -                        | R 15,149                                     | -         |
| 1995         | 1,937               | 68                       | 665                               | 2,198                        | 22                    | 1,265            | 56                      | 443            | 20                         | 2,375                | 7,044  | NA          | -                                 | -                    | 6,817                | -                        | R 14,201                                     | -         |
| 1996         | 1,835               | 70                       | 835                               | 3,072                        | 25                    | 1,137            | 54                      | 451            | 6                          | 2,730                | 8,312  | NA          | -                                 | -                    | 6,891                | -                        | R 14,341                                     | -         |
| 1997         | 1,959               | 67                       | 972                               | 3,738                        | 22                    | 1,156            | 57                      | 470            | 4                          | 2,713                | 9,132  | NA          | -                                 | -                    | 7,211                | -                        | 14,975                                       | -         |
| Trillion Btu |                     |                          |                                   |                              |                       |                  |                         |                |                            |                      |        |             |                                   |                      |                      |                          |  |           |
| 1960         | 2.4                 | 36.1                     | 4.9                               | 8.5                          | 0.3                   | 1.5              | (s)                     | 1.7            | 4.8                        | 11.7                 | 33.3   | 0.0         | R 0.4                             | 0.0                  | 0.9                  | R 73.2                   | 2.3  | R 75.5    |
| 1965         | 2.5                 | 35.2                     | 4.9                               | 10.4                         | 0.3                   | 2.0              | (s)                     | 2.7            | 5.9                        | 14.5                 | 40.8   | 0.0         | R 0.5                             | 0.0                  | 4.4                  | R 83.4                   | 10.5   | R 93.9    |
| 1970         | 4.0                 | 71.3                     | 7.3                               | 11.2                         | 0.9                   | 2.2              | 0.2                     | 2.9            | 6.0                        | 15.3                 | 46.1   | 0.0         | R 0.6                             | 0.0                  | 6.5                  | R 128.4                  | 15.7   | R 144.1   |
| 1975         | 11.8                | 55.2                     | 4.0                               | 20.9                         | 0.7                   | 2.1              | 0.3                     | 3.1            | 11.8                       | 19.0                 | 61.9   | 0.0         | R 0.4                             | 0.0                  | 10.0                 | R 139.2                  | 24.0   | R 163.3   |
| 1980         | 28.8                | 51.1                     | 7.7                               | 36.4                         | 0.2                   | 4.4              | 0.3                     | 1.9            | 13.5                       | 22.4                 | 86.9   | 0.0         | R 1.2                             | 0.0                  | 15.8                 | R 183.8                  | 38.3   | R 222.1   |
| 1985         | 32.9                | 56.3                     | 11.1                              | 16.0                         | (s)                   | 4.7              | 0.3                     | 2.8            | 0.9                        | 13.8                 | 49.7   | 0.0         | R 1.5                             | 0.0                  | 21.2                 | R 161.6                  | 49.8   | R 211.4   |
| 1986         | 31.0                | 51.5                     | 10.6                              | 14.3                         | (s)                   | 4.4              | 0.3                     | 2.6            | 0.5                        | 14.2                 | 47.0   | 0.0         | R 2.3                             | 0.0                  | 20.6                 | R 152.5                  | 47.5   | R 199.9   |
| 1987         | 33.0                | 59.7                     | 9.7                               | 15.5                         | (s)                   | 4.2              | 0.4                     | 2.4            | 0.6                        | 15.9                 | 48.6   | 0.0         | R 2.3                             | 0.0                  | 22.9                 | R 166.5                  | 52.2   | R 218.7   |
| 1988         | 30.6                | 59.2                     | 6.9                               | 12.9                         | (s)                   | 3.6              | 0.3                     | 2.4            | 0.9                        | 19.1                 | 46.3   | 0.0         | R 2.4                             | 0.0                  | 23.8                 | R 162.3                  | 53.8   | R 216.1   |
| 1989         | 33.8                | 59.7                     | 6.1                               | 13.4                         | (s)                   | 6.4              | 0.3                     | 2.5            | 0.2                        | 19.2                 | 48.2   | f 0.0       | R 12.6                            | R f (s)              | 24.9                 | R f 169.2                | 55.9   | R f 225.1 |
| 1990         | 41.2                | 73.8                     | 6.3                               | 13.2                         | (s)                   | 2.4              | 0.4                     | 2.2            | 0.2                        | 19.3                 | 44.1   | 0.0         | R 1.8                             | R (s)                | 26.4                 | 187.2                    | 57.7   | 244.9     |
| 1991         | 41.8                | 72.4                     | 6.7                               | 15.5                         | (s)                   | 1.7              | 0.3                     | 2.6            | 0.2                        | 13.0                 | 40.2   | 0.0         | R 1.9                             | R (s)                | 25.6                 | R 181.9                  | 55.7   | R 237.6   |
| 1992         | 44.9                | 102.3                    | 5.1                               | 15.8                         | (s)                   | 2.0              | 0.3                     | 2.6            | 0.1                        | 15.5                 | 41.5   | 0.0         | R 1.4                             | R (s)                | 25.4                 | R 215.5                  | 54.2   | R 269.7   |
| 1993         | 39.9                | 79.0                     | 5.0                               | 16.0                         | 0.1                   | 4.3              | 0.3                     | 2.0            | 0.5                        | 14.6                 | 42.8   | 0.0         | R 1.4                             | R (s)                | 25.1                 | R 188.3                  | 53.1   | R 241.4   |
| 1994         | 40.6                | 83.6                     | 6.0                               | 16.1                         | 0.1                   | 3.8              | 0.3                     | 2.2            | 0.3                        | 14.9                 | 43.7   | 0.0         | R 2.1                             | R (s)                | 24.8                 | R 194.8                  | 51.7   | R 246.5   |
| 1995         | 42.5                | 72.6                     | 4.4                               | 12.8                         | 0.1                   | 4.6              | 0.3                     | 2.3            | 0.1                        | 14.3                 | 39.1   | 0.0         | R 2.0                             | R (s)                | 23.3                 | R 179.4                  | R 48.5                                       | R 227.9   |
| 1996         | 40.2                | 74.2                     | 5.5                               | 17.9                         | 0.1                   | 4.1              | 0.3                     | 2.4            | (s)                        | 16.4                 | 46.8   | 0.0         | R 2.0                             | R (s)                | 23.5                 | R 186.8                  | 48.9   | R 235.7   |
| 1997         | 42.3                | 71.2                     | 6.4                               | 21.8                         | 0.1                   | 4.2              | 0.3                     | 2.5            | (s)                        | 16.3                 | 51.7   | 0.0         | 2.1                               | (s)                  | 24.6                 | 191.9                    | 51.1   | 243.0     |

<sup>a</sup> Includes supplemental gaseous fuels.<sup>b</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.<sup>c</sup> "Other" is the subtotal of 16 petroleum products. See a full description in Appendix A, Section 4, "Other Petroleum Products."<sup>d</sup> "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.<sup>e</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

kWh=kilowatthours. -=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 321. Transportation Energy Consumption Estimates, Selected Years 1960-1997, Wyoming**

| Year         | Coal <sup>a</sup>   | Natural Gas <sup>b</sup> | Petroleum                      |                              |                       |                  |                         |                |                            |        |                  | Ethanol <sup>c</sup>  | Electricity <sup>a</sup> | Net Energy            | Electrical System Energy Losses <sup>d</sup> | Total <sup>c</sup> |  |
|--------------|---------------------|--------------------------|--------------------------------|------------------------------|-----------------------|------------------|-------------------------|----------------|----------------------------|--------|------------------|-----------------------|--------------------------|-----------------------|--|--------------------|--|
|              |                     |                          | Aviation Gasoline <sup>a</sup> | Distillate Fuel <sup>a</sup> | Jet Fuel <sup>a</sup> | LPG <sup>a</sup> | Lubricants <sup>a</sup> | Motor Gasoline | Residual Fuel <sup>a</sup> | Total  |                  |                       |                          |                       |  |                    |  |
|              | Thousand Short Tons | Billion Cubic Feet       | Thousand Barrels               |                              |                       |                  |                         |                |                            |        | Thousand Gallons | Million Kilowatthours | Million Kilowatthours    | Million Kilowatthours | Million Kilowatthours                        |                    |  |
| 1960         | 2                   | 2                        | 132                            | 1,801                        | 56                    | 70               | 91                      | 4,038          | 951                        | 7,138  | 0                | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1965         | (s)                 | 2                        | 217                            | 1,864                        | 74                    | 49               | 81                      | 4,157          | 1,173                      | 7,615  | 0                | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1970         | (s)                 | 6                        | 256                            | 3,072                        | 128                   | 91               | 85                      | 5,262          | 469                        | 9,363  | 0                | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1975         | (s)                 | 5                        | 218                            | 3,965                        | 124                   | 116              | 108                     | 6,691          | 0                          | 11,223 | 0                | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1980         | 0                   | 6                        | 108                            | 6,419                        | 162                   | 73               | 151                     | 8,034          | 0                          | 14,946 | 0                | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1985         | 0                   | 5                        | 51                             | 4,287                        | 154                   | 45               | 137                     | 7,073          | (s)                        | 11,747 | 0                | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1986         | 0                   | 5                        | 50                             | 3,906                        | 144                   | 53               | 134                     | 6,579          | 0                          | 10,866 | 0                | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1987         | 0                   | 6                        | 51                             | 5,697                        | 202                   | 50               | 151                     | 6,754          | 0                          | 12,905 | 0                | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1988         | 0                   | 6                        | 53                             | 6,767                        | 193                   | 51               | 146                     | 6,897          | 0                          | 14,108 | 0                | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1989         | 0                   | 5                        | 39                             | 7,087                        | 160                   | 35               | 150                     | 7,015          | (s)                        | 14,487 | R e 5,290        | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1990         | 0                   | 5                        | 35                             | 6,993                        | 143                   | 27               | 154                     | 6,613          | 0                          | 13,965 | 6,110            | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1991         | 0                   | 8                        | 28                             | 5,705                        | 119                   | 49               | 138                     | 6,623          | 0                          | 12,662 | 4,843            | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1992         | 0                   | 8                        | 25                             | 6,189                        | 153                   | 27               | 141                     | 6,861          | 0                          | 13,396 | 5,886            | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1993         | 0                   | 7                        | 20                             | 6,965                        | 140                   | 29               | 143                     | 7,178          | 0                          | 14,475 | 6,569            | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1994         | 0                   | 6                        | 33                             | 6,856                        | 152                   | 38               | 150                     | 7,259          | 0                          | 14,488 | 7,386            | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1995         | 0                   | 7                        | 179                            | 8,624                        | 160                   | 17               | 147                     | 7,486          | 0                          | 16,612 | 5,537            | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1996         | 0                   | 8                        | 213                            | 8,892                        | 151                   | 17               | 143                     | 7,418          | 0                          | 16,833 | 2,004            | 0                     | 0                        | 0                     | 0  | —                  |  |
| 1997         | 0                   | 10                       | 151                            | 9,058                        | 121                   | 16               | 151                     | 7,125          | 0                          | 16,622 | 139              | 0                     | 0                        | 0                     | 0  | —                  |  |
| Trillion Btu |                     |                          |                                |                              |                       |                  |                         |                |                            |        |                  |                       |                          |                       |  |                    |  |
| 1960         | (s)                 | 1.8                      | 0.7                            | 10.5                         | 0.3                   | 0.3              | 0.5                     | 21.2           | 6.0                        | 39.5   | 0.0              | 0.0                   | 41.3                     | 0.0                   | 0  | 41.3               |  |
| 1965         | (s)                 | 2.0                      | 1.1                            | 10.9                         | 0.4                   | 0.2              | 0.5                     | 21.8           | 7.4                        | 42.3   | 0.0              | 0.0                   | 44.3                     | 0.0                   | 0  | 44.3               |  |
| 1970         | (s)                 | 6.0                      | 1.3                            | 17.9                         | 0.7                   | 0.3              | 0.5                     | 27.6           | 2.9                        | 51.3   | 0.0              | 0.0                   | 57.4                     | 0.0                   | 0  | 57.4               |  |
| 1975         | (s)                 | 4.9                      | 1.1                            | 23.1                         | 0.7                   | 0.4              | 0.7                     | 35.2           | 0.0                        | 61.1   | 0.0              | 0.0                   | 66.1                     | 0.0                   | 0  | 66.1               |  |
| 1980         | 0.0                 | 6.2                      | 0.5                            | 37.4                         | 0.9                   | 0.3              | 0.9                     | 42.2           | 0.0                        | 82.2   | 0.0              | 0.0                   | 88.4                     | 0.0                   | 0  | 88.4               |  |
| 1985         | 0.0                 | 5.2                      | 0.3                            | 25.0                         | 0.9                   | 0.2              | 0.8                     | 37.2           | (s)                        | 64.2   | 0.0              | 0.0                   | 69.5                     | 0.0                   | 0  | 69.5               |  |
| 1986         | 0.0                 | 5.3                      | 0.3                            | 22.8                         | 0.8                   | 0.2              | 0.8                     | 34.6           | 0.0                        | 59.4   | 0.0              | 0.0                   | 64.7                     | 0.0                   | 0  | 64.7               |  |
| 1987         | 0.0                 | 6.4                      | 0.3                            | 33.2                         | 1.1                   | 0.2              | 0.9                     | 35.5           | 0.0                        | 71.2   | 0.0              | 0.0                   | 77.5                     | 0.0                   | 0  | 77.5               |  |
| 1988         | 0.0                 | 6.0                      | 0.3                            | 39.4                         | 1.1                   | 0.2              | 0.9                     | 36.2           | 0.0                        | 78.1   | R e 0.0          | 0.0                   | 84.0                     | 0.0                   | 0  | 84.0               |  |
| 1989         | 0.0                 | 5.7                      | 0.2                            | 41.3                         | 0.9                   | 0.1              | 0.9                     | 36.9           | (s)                        | 80.3   | R e 0.4          | 0.0                   | e 85.9                   | 0.0                   | 0  | e 85.9             |  |
| 1990         | 0.0                 | 5.6                      | 0.2                            | 40.7                         | 0.8                   | 0.1              | 0.9                     | 34.7           | 0.0                        | 77.5   | 0.5              | 0.0                   | 83.0                     | 0.0                   | 0  | 83.0               |  |
| 1991         | 0.0                 | 8.3                      | 0.1                            | 33.2                         | 0.7                   | 0.2              | 0.8                     | 34.8           | 0.0                        | 69.8   | 0.4              | 0.0                   | 78.1                     | 0.0                   | 0  | 78.1               |  |
| 1992         | 0.0                 | 8.4                      | 0.1                            | 36.1                         | 0.9                   | 0.1              | 0.9                     | 36.0           | 0.0                        | 74.0   | 0.4              | 0.0                   | 82.4                     | 0.0                   | 0  | 82.4               |  |
| 1993         | 0.0                 | 7.2                      | 0.1                            | 40.6                         | 0.8                   | 0.1              | 0.9                     | 37.7           | 0.0                        | 80.1   | 0.5              | 0.0                   | 87.3                     | 0.0                   | 0  | 87.3               |  |
| 1994         | 0.0                 | 6.6                      | 0.2                            | 39.9                         | 0.8                   | 0.1              | 0.9                     | 38.1           | 0.0                        | 80.1   | 0.6              | 0.0                   | 86.7                     | 0.0                   | 0  | 86.7               |  |
| 1995         | 0.0                 | 7.7                      | 0.9                            | 50.2                         | 0.9                   | 0.1              | 0.9                     | 39.3           | 0.0                        | 92.3   | 0.4              | 0.0                   | 100.0                    | 0.0                   | 0  | 100.0              |  |
| 1996         | 0.0                 | 8.7                      | 1.1                            | 51.8                         | 0.9                   | 0.1              | 0.9                     | 39.0           | 0.0                        | 93.6   | 0.2              | 0.0                   | 102.3                    | 0.0                   | 0  | 102.3              |  |
| 1997         | 0.0                 | 11.2                     | 0.8                            | 52.8                         | 0.7                   | 0.1              | 0.9                     | 37.4           | 0.0                        | 92.6   | (s)              | 0.0                   | 103.8                    | 0.0                   | 0  | 103.8              |  |

<sup>a</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

<sup>b</sup> Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

<sup>c</sup> Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

<sup>d</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

**Table 322. Estimates of Energy Input at Electric Utilities, Selected Years 1960-1997, Wyoming**

| Year         | Coal                        |            |        | Natural Gas <sup>a</sup> | Petroleum                |                          |                             |                       | Nuclear Electric Power | Hydroelectric Power <sup>e</sup> | Wood and Waste | Geothermal Energy | Other <sup>b,f</sup> | Total <sup>g</sup> |
|--------------|-----------------------------|------------|--------|--------------------------|--------------------------|--------------------------|-----------------------------|-----------------------|------------------------|----------------------------------|----------------|-------------------|----------------------|--------------------|
|              | Bituminous Coal and Lignite | Anthracite | Total  |                          | Heavy Oil <sup>b,c</sup> | Light Oil <sup>b,d</sup> | Petroleum Coke <sup>b</sup> | Total                 |                        |                                  |                |                   |                      |                    |
|              | Billion Cubic Feet          |            |        | Thousand Barrels         |                          |                          |                             | Million Kilowatthours |                        |                                  |                |                   |                      |                    |
| Year         | Thousand Short Tons         |            |        | Natural Gas <sup>a</sup> | Petroleum                |                          |                             |                       | Nuclear Electric Power | Hydroelectric Power <sup>e</sup> | Wood and Waste | Geothermal Energy | Other <sup>b,f</sup> | Total <sup>g</sup> |
| 1960         | 815                         | 0          | 815    | 1                        | 5                        | 6                        | 0                           | 12                    | 609                    | 0                                | 0              | 0                 | 0                    | -                  |
| 1965         | 1,941                       | 0          | 1,941  | (s)                      | 15                       | 19                       | 0                           | 34                    | 0                      | 884                              | 0              | 0                 | 0                    | -                  |
| 1970         | 3,571                       | 0          | 3,571  | 2                        | 11                       | 13                       | 0                           | 25                    | 0                      | 1,006                            | 0              | 0                 | 0                    | -                  |
| 1975         | 6,938                       | 0          | 6,938  | 1                        | 112                      | 6                        | 0                           | 118                   | 0                      | 1,120                            | 0              | 0                 | 0                    | -                  |
| 1980         | 13,498                      | 0          | 13,498 | (s)                      | 0                        | 123                      | 0                           | 123                   | 0                      | 1,108                            | 0              | 0                 | 0                    | -                  |
| 1985         | 21,173                      | 0          | 21,173 | (s)                      | 0                        | 143                      | 0                           | 143                   | 0                      | 1,068                            | 0              | 0                 | 3                    | -                  |
| 1986         | 17,452                      | 0          | 17,452 | (s)                      | 0                        | 123                      | 0                           | 123                   | 0                      | 1,140                            | 0              | 0                 | 1                    | -                  |
| 1987         | 22,408                      | 0          | 22,408 | (s)                      | 0                        | 115                      | 0                           | 115                   | 0                      | 768                              | 0              | 0                 | (s)                  | -                  |
| 1988         | 23,563                      | 0          | 23,563 | (s)                      | 0                        | 121                      | 0                           | 121                   | 0                      | 789                              | 0              | 0                 | (s)                  | -                  |
| 1989         | 21,908                      | 0          | 21,908 | (s)                      | 0                        | 118                      | 0                           | 118                   | 0                      | 680                              | 0              | 0                 | (s)                  | -                  |
| 1990         | 23,526                      | 0          | 23,526 | (s)                      | 0                        | 99                       | 0                           | 99                    | 0                      | 645                              | 0              | 0                 | 0                    | -                  |
| 1991         | 23,115                      | 0          | 23,115 | (s)                      | 0                        | 122                      | 0                           | 122                   | 0                      | 736                              | 0              | 0                 | 0                    | -                  |
| 1992         | 25,114                      | 0          | 25,114 | (s)                      | 0                        | 100                      | 0                           | 100                   | 0                      | 636                              | 0              | 0                 | 0                    | -                  |
| 1993         | 24,111                      | 0          | 24,111 | (s)                      | 0                        | 104                      | 0                           | 104                   | 0                      | 787                              | 0              | 0                 | 0                    | -                  |
| 1994         | 25,350                      | 0          | 25,350 | (s)                      | 0                        | 86                       | 0                           | 86                    | 0                      | 897                              | 0              | 0                 | 0                    | -                  |
| 1995         | 23,850                      | 0          | 23,850 | (s)                      | 0                        | 128                      | 0                           | 128                   | 0                      | 799                              | 0              | 0                 | 0                    | -                  |
| 1996         | 24,430                      | 0          | 24,430 | (s)                      | 0                        | 110                      | 0                           | 110                   | 0                      | 1,232                            | 0              | 0                 | 0                    | -                  |
| 1997         | 23,996                      | 0          | 23,996 | (s)                      | 0                        | 105                      | 0                           | 105                   | 0                      | 1,381                            | 0              | 0                 | 0                    | -                  |
| Trillion Btu |                             |            |        |                          |                          |                          |                             |                       |                        |                                  |                |                   |                      |                    |
| 1960         | 12.1                        | 0.0        | 12.1   | 0.7                      | (s)                      | (s)                      | 0.0                         | 0.1                   | 0.0                    | 6.6                              | 0.0            | 0.0               | 0.0                  | 19.4               |
| 1965         | 31.0                        | 0.0        | 31.0   | 0.2                      | 0.1                      | 0.1                      | 0.0                         | 0.2                   | 0.0                    | 9.2                              | 0.0            | 0.0               | 0.0                  | 40.6               |
| 1970         | 59.0                        | 0.0        | 59.0   | 2.4                      | 0.1                      | 0.1                      | 0.0                         | 0.1                   | 0.0                    | 10.6                             | 0.0            | 0.0               | 0.0                  | 72.2               |
| 1975         | 115.4                       | 0.0        | 115.4  | 0.4                      | 0.7                      | (s)                      | 0.0                         | 0.7                   | 0.0                    | 11.7                             | 0.0            | 0.0               | 0.0                  | 128.2              |
| 1980         | 237.4                       | 0.0        | 237.4  | 0.2                      | 0.0                      | 0.7                      | 0.0                         | 0.7                   | 0.0                    | 11.5                             | 0.0            | 0.0               | 0.0                  | 249.8              |
| 1985         | 370.7                       | 0.0        | 370.7  | 0.1                      | 0.0                      | 0.8                      | 0.0                         | 0.8                   | 0.0                    | 11.2                             | 0.0            | 0.0               | (s)                  | 382.9              |
| 1986         | 303.9                       | 0.0        | 303.9  | 0.1                      | 0.0                      | 0.7                      | 0.0                         | 0.7                   | 0.0                    | 11.9                             | 0.0            | 0.0               | (s)                  | 316.7              |
| 1987         | 393.4                       | 0.0        | 393.4  | 0.1                      | 0.0                      | 0.7                      | 0.0                         | 0.7                   | 0.0                    | 8.0                              | 0.0            | 0.0               | (s)                  | 402.1              |
| 1988         | 412.6                       | 0.0        | 412.6  | 0.2                      | 0.0                      | 0.7                      | 0.0                         | 0.7                   | 0.0                    | 8.1                              | 0.0            | 0.0               | (s)                  | 421.7              |
| 1989         | 385.1                       | 0.0        | 385.1  | 0.1                      | 0.0                      | 0.7                      | 0.0                         | 0.7                   | 0.0                    | 7.1                              | 0.0            | 0.0               | (s)                  | 392.9              |
| 1990         | 414.6                       | 0.0        | 414.6  | 0.1                      | 0.0                      | 0.6                      | 0.0                         | 0.6                   | 0.0                    | 6.7                              | 0.0            | 0.0               | 0.0                  | 421.9              |
| 1991         | 404.8                       | 0.0        | 404.8  | 0.1                      | 0.0                      | 0.7                      | 0.0                         | 0.7                   | 0.0                    | 7.7                              | 0.0            | 0.0               | 0.0                  | R 413.3            |
| 1992         | 444.0                       | 0.0        | 444.0  | 0.1                      | 0.0                      | 0.6                      | 0.0                         | 0.6                   | 0.0                    | 6.6                              | 0.0            | 0.0               | 0.0                  | 451.3              |
| 1993         | 423.3                       | 0.0        | 423.3  | 0.1                      | 0.0                      | 0.6                      | 0.0                         | 0.6                   | 0.0                    | 8.1                              | 0.0            | 0.0               | 0.0                  | 432.1              |
| 1994         | 444.4                       | 0.0        | 444.4  | 0.1                      | 0.0                      | 0.5                      | 0.0                         | 0.5                   | 0.0                    | R 9.3                            | 0.0            | 0.0               | 0.0                  | 454.3              |
| 1995         | 416.8                       | 0.0        | 416.8  | 0.1                      | 0.0                      | 0.7                      | 0.0                         | 0.7                   | 0.0                    | 8.2                              | 0.0            | 0.0               | 0.0                  | 425.9              |
| 1996         | 425.9                       | 0.0        | 425.9  | 0.1                      | 0.0                      | 0.6                      | 0.0                         | 0.6                   | 0.0                    | 12.7                             | 0.0            | 0.0               | 0.0                  | 439.4              |
| 1997         | 421.7                       | 0.0        | 421.7  | 0.1                      | 0.0                      | 0.6                      | 0.0                         | 0.6                   | 0.0                    | 14.2                             | 0.0            | 0.0               | 0.0                  | 436.6              |

<sup>a</sup> Includes supplemental gaseous fuels.<sup>b</sup> The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.<sup>c</sup> Prior to 1980, based on oil used in steam plants. Since 1980, heavy oil includes fuel oil nos. 4, 5, and 6 and residual fuel oils.<sup>d</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.<sup>e</sup> If applicable, through 1989, includes all net imports of electricity, and, from 1990, includes only the portion of imports of electricity that is derived from hydroelectric power.<sup>f</sup> "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.<sup>g</sup> If applicable, from 1990, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in appendix Table A8.

R=Revised data.

- =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.